

Recombinant Human TYW5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TYW5-6594H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C2orf60 MS Standard C13 and N15-labeled recombinant protein (NP_001034782) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	TYW5 (TRNA-YW Synthesizing Protein 5) is a Protein Coding gene. Diseases associated with TYW5 include Mixed Sleep Apnea and Familial Isolated Hypoparathyroidism. Among its related pathways are Gene Expression and tRNA processing. Gene Ontology (GO) annotations related to this gene include protein homodimerization activity and tRNA binding. An important paralog of this gene is HSPBAP1.
Molecular Mass	36.5 kDa
AA Sequence	MAGQHLPVPRLEGVSREQFMQHLYPQRKPLVLEGIDLGPCCTSKWTVDYLSQVGGK KEVKIHVAAVAQMDFISKNFVYRTLPHDQLVQRAAEEKHKEFFVSEDEKYYLRSLGE DPRKDVADIRKQFPLLKGDIFPEFFKKEEQFFSSVFRISSPGLQLWTHYDVMNLLIQ VTGKKRVVLFSPRDAQYLYLKGTKSEVLNIDNPDLAKYPLFSKARRYECSLEAGDVL FIPALWFHNVISEEFGVGVNIFWKHLPSECYDKTDTYGNKDPTAASRAAQILDRALKT LAELPEEYRDFYARRMVLHIQDKAYSKNSETRTRPLEQKLISEEDLAANDILDYKDDD DKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

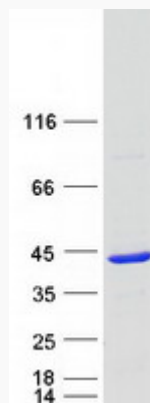
GENE INFORMATION

Gene Name	TYW5 tRNA-yW synthesizing protein 5 [Homo sapiens (human)]
Official Symbol	TYW5
Synonyms	TYW5; tRNA-yW synthesizing protein 5; C2orf60, chromosome 2 open reading frame 60; tRNA wybutosine-synthesizing protein 5; FLJ37953; tRNA yW-synthesizing enzyme 5; jmjC domain-containing protein C2orf60; hTYW5; C2orf60; MGC70509;
Gene ID	129450
mRNA Refseq	NM_001039693
Protein Refseq	NP_001034782
UniProt ID	A2RUC4

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SDS-PAGE

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